

ABSTRACT

An improved device for use in authorizing transactions and performing applications is provided by the present invention. The device uses a local processor and secure data storage in conjunction with a variety of sensors to perform authentication processes that establish an individual's identity and provide authority to perform a desired transaction. The sensors allow the device to directly scan biometric identifying information from an individual. A card swipe interface and a proximity antenna are provided to facilitate communication between the device and remote interface devices such as magnetic swipe card readers, smart card readers, infrared communications ports and proximity and long range radio scanners. In addition, the local processor, memory, display and user inputs allow the device to run applications such as those performed by a traditional computer, gaming device or personal data assistant.

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